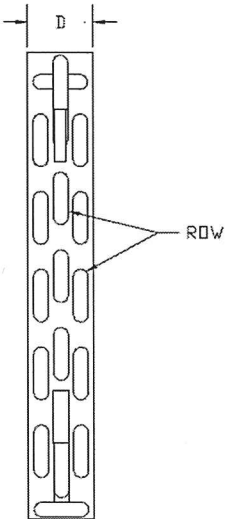
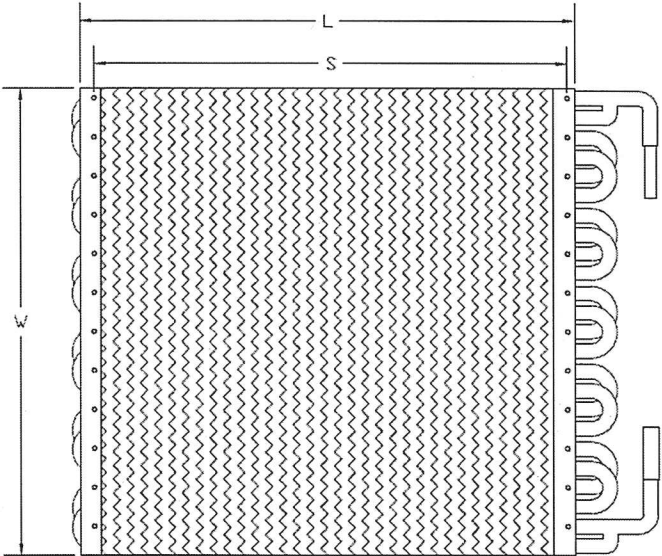


REVISION HISTORY					
REV	DATE	DESCRIPTION	AUTHOR	CHECKED BY	APPROVED
A	07/14/92	ADDED -2 CONDENSER	REB	REB	REB
B	06/16/95	12.68 WAS 13.1 ADDED "S" DIMENSION	REB	REB	REB
C	9/28/18	ADDED SHT 2 AND -3 CONDENSER	ZA	REB	REB

NOTES;
VENDOR: AUTOMOTIVE INT'L REFRIGERATION, FT. WORTH, TEXAS

DASH NO	L	W	D	S	ROWS	VENDOR P/N
-1	12.68	12.0	1.70	12.13	3	400-218
-2	20.0	10.0	1.47	N/A	2	400-250



-1 CONDENSER COIL
REF.

—CONFIDENTIAL INFORMATION—
THE INFORMATION AND DATA CONTAINED HEREIN IS
PROPRIETARY AND IS SUBMITTED IN CONFIDENTIAL AND
SHALL NOT BE DISCLOSED, USED OR REPRODUCED FOR ANY
PURPOSE WHATSOEVER WITHOUT THE PRIOR WRITTEN
PERMISSION OF PARAVION TECHNOLOGY, INC.

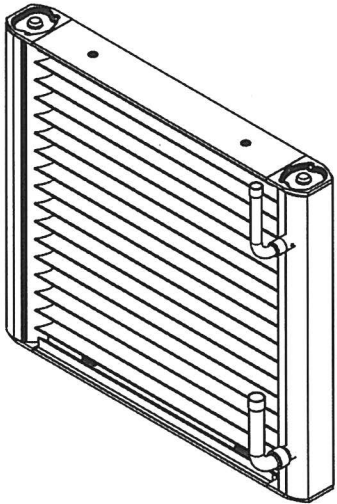
PROTO

Paravion [®] Technology Inc.		TITLE CONDENSER COIL		DRAWING NUMBER ES90101	
DIMENSIONS IN INCHES TOLERANCES EXCEPT WHERE NOTED X = ±.1 XX = ±.05 XXX = ±.010 ANGLES = ± 1°		DRAWN BY REB	CHECKED BY REB	DATE 7/17/91	REV C
THREADS INTERNAL: CLASS 2B EXTERNAL: CLASS 2A		DO NOT SCALE DRAWING		SHEET 1 OF 2	
3RD ANGLE PROJECTION		© 2010 PARAVION TECH. INC. PARAVION IS A TRADEMARK OF PARAVION TECHNOLOGY INC.			

NOTES:

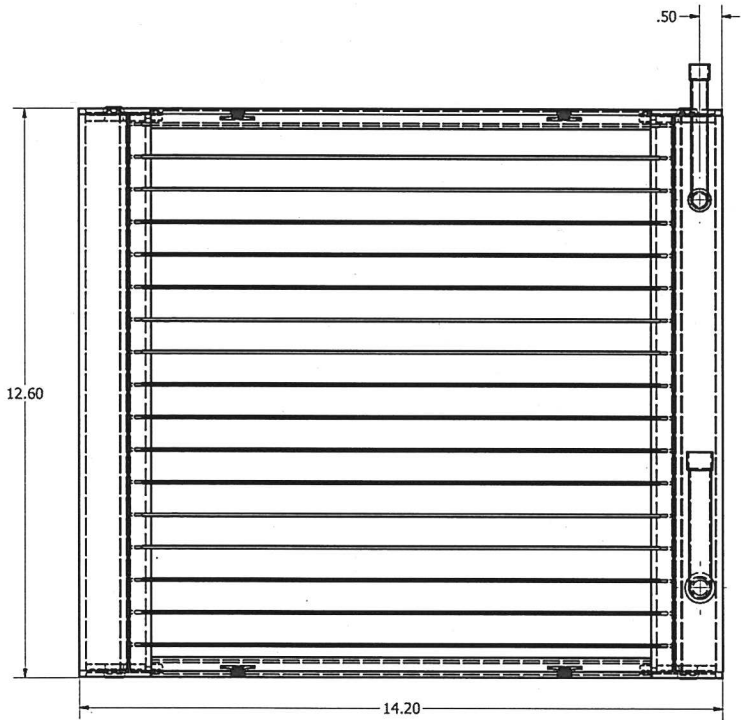
1. THIS DRAWING DEFINES THE OVERALL GEOMETRY AND PERFORMANCE SPECIFICATIONS OF THE PART/ASSEMBLY, AND CONSTITUTES THE ACCEPTANCE CRITERIA THEREOF, CONFORMANCE OR HARDWARE TO THESE REQUIREMENTS IS ACCEPTABLE IN LIEU OF VENDOR DOCUMENTATION.
2. ACCEPTED MFR'R: EVAPCO ALCOIL, INC.
3627 SANDHURST DR.
YORK, PA 17406
(717) 347-7500
3. MATERIAL: BRAZED ALUMINUM

ASSEMBLY	MFR'R P/N
-3	C11.9x12x1.25H-18G11-M1438-01



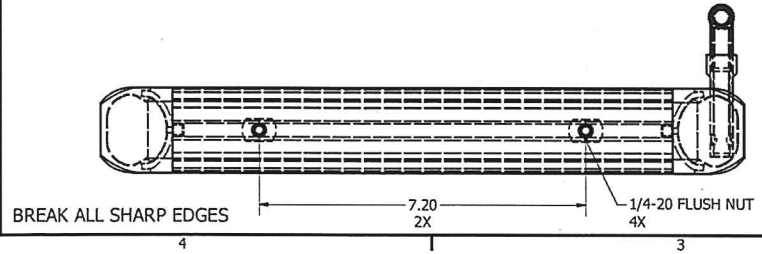
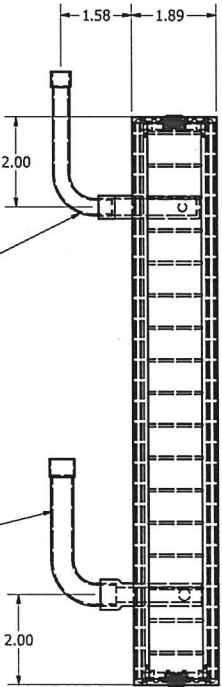
DESIGN CONDITIONS	AIR SIDE	REFRIGERANT SIDE
AIR		
Volume Flow - Actual	900 acfm	
Volume Flow - Standard	875 scfm	
Altitude	0 ft	
Inlet Dry Bulb	104.0 F	
Outlet Dry Bulb	127.0 F	
Pressure Drop	0.72 in w.g.	
REFRIGERANT		R-134a
Mass Flow		4.9 lb/min
Inlet Gas Temperature		170.0 F
Condensing Temp. - Design		138.0 F
Condensing Temp. - Actual		136.8 F
Outlet Subcooling		1.0 F
Condensing Pressure - Design		223.0 psig
Mini Receiver Volume		N/A
Total Volume		43.1 cu in
Pressure Drop		0.3 psi

CONDENSER DATA	
PARAMETER	DESCRIPTION
COIL FACE WxH	11.9 in x 12.0 in
DRY WEIGHT	5.7 lbs
# TUBES	17/17
TUBE	1.25B, 1.25" wide
FIN TYPE	LOUVERED, 24 fpi
COIL ORIENTATION	<15° TO HORIZONTAL
DESIGN WORKING PRESSURE	450 psig
BURST PRESSURE	1350 psig
TEST PRESSURE	450 psig
HEAT REJECTION	21000 Btu/h



REFRIGERANT OUT: Ø0.375 OD TUBE

REFRIGERANT IN: Ø0.500 OD TUBE



CONFIDENTIAL INFORMATION - THE INFORMATION AND DATA CONTAINED HEREIN IS PROPRIETARY AND IS SUBMITTED IN CONFIDENCE AND SHALL NOT BE DISCLOSED, USED OR REPRODUCED FOR ANY PURPOSE WHATSOEVER WITHOUT THE PRIOR WRITTEN PERMISSION OF PARAVION TECHNOLOGY, INC.

PROTO

Paravion [®] Technology Inc.		TITLE: CONDENSER COIL		DRAWING NUMBER: ES90101	
DIMENSIONS IN INCHES TOLERANCES EXCEPT WHERE NOTED: X = ±.1 XX = ±.05 XXX = ±.010 ANGLES = ± 1°		DRAWN BY: REB	CHECKED BY: REB	DATE: 7/17/91	REV: C
THEADS: INTERNAL: CLASS 2B EXTERNAL: CLASS 2A		DO NOT SCALE DRAWING		SHEET 2 OF 2	
3RD ANGLE PROJECTION		© 2010 PARAVION TECH INC. PARAVION IS A TRADEMARK OF PARAVION TECHNOLOGY INC.			